

## REMARKS

In the Official Action mailed on **January 26, 2005**, the Examiner reviewed claims 1-5, 7-13, 15-21, and 24. Claims 1-5, 7, and 8 were rejected under 35 U.S.C. 103(a) as being unpatentable over applicants admitted prior art, (USPub 2003/0056197, hereinafter "AAPA") in view of Parlante (*Linked List Basics*, Stanford CS Education Library, hereinafter "Parlante"). Claims 9-13, 15-21, and 23-24 were rejected under 35 U.S.C. 103(a) as being unpatentable over AAPA in view of Parlante, further in view of Vazquez et al (USPN 6,763,515, hereinafter "Vazquez").

### Rejections under 35 U.S.C. §103(a)

Independent claim 1 was rejected under 35 U.S.C. 103(a) as being unpatentable over applicants AAPA in view of Parlante. Independent claims 9, and 17 were rejected as being unpatentable over AAPA in view of Parlante, further in view of Vazquez. Applicant respectfully points out that Parlante teaches **a manual programming technique** that allows a programmer to generate code to walk a linked-list (see Parlante, page 17, lines 5-22—in particular line 20 where Parlante makes clear that this is a manual technique).

In contrast, the present invention **automatically generates source code** to walk a linked list from the data definitions in the received source code file (see paragraph [0030] of the instant application "USPub2003/0056197"). This is beneficial because automatically generating source code to walk a linked-list from the data definitions eliminates or minimizes the amount of human intervention to generate this source code and precludes human error in generating this source code.

Furthermore, it is not obvious to automatically generate source code to walk a linked-list from the data definitions in the received source code file. For example, it is not obvious to examine a file for specific keywords, saving the data

structure in a tree when a keyword is found, cross-reference the references in the tree with other elements, and then generate source code for each element in the tree (see FIGs. 3 and 4 of the instant application).

There is nothing within AAPA, Parlante, or Vazquez, either separately or in concert, which suggests automatically generating source code to walk a linked list from the data definitions in the received source code file.


Accordingly, Applicant has amended independent claims 1, 9, and 17 to clarify that the present invention automatically generates source code to walk a linked list from the data definitions in the received source code file. These amendments find support in paragraph [0030] of the instant application.

Hence, Applicant respectfully submits that independent claims 1, 9, and 17 as presently amended are in condition for allowance. Applicant also submits that claims 2-6 and 7-8, which depend upon claim 1, claims 10-13 and 15-16, which depend upon claim 9, and claims 18-21 and 23-24, which depend upon claim 17, are for the same reasons in condition for allowance and for reasons of the unique combinations recited in such claims.

**CONCLUSION**

It is submitted that the present application is presently in form for allowance. Such action is respectfully requested.

Respectfully submitted,

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